

AIBOO YK-300000160

AIBOO RGB Color Changing LED Under Cabinet Lights Kit

Model: YK-300000160

INTRODUCTION

This instruction manual provides detailed information on the installation, operation, and maintenance of your AIBOO RGB Color Changing LED Under Cabinet Lights Kit. Designed for versatile indoor lighting, these puck lights offer vibrant color options and dimmable functionality to enhance various spaces such as kitchens, wardrobes, and furniture.

PACKAGE CONTENTS

Verify that all components listed below are included in your package:

- 6 x LED Puck Lights (Aluminum)
- 1 x AC120V to DC12V Adapter
- 1 x 8-Way Splitter
- 1 x RF Wireless Remote Control
- 2 x Extension Cables (60 inches each)
- 1 x On/Off Switch
- 12 x Adhesive Tapes
- 12 x Screws



Image: All components included in the AIBOO RGB LED Under Cabinet Lights Kit, laid out on a white surface. This includes six puck lights, an adapter, an 8-way splitter, an RF remote control, extension cables, an on/off switch, adhesive tapes, and screws.

SETUP AND INSTALLATION

Follow these steps to properly set up and install your AIBOO LED Under Cabinet Lights:

1. **Plan Layout:** Determine the desired placement for each puck light under your cabinet or furniture. Consider the length of the cables and the location of the power outlet.
2. **Connect Puck Lights to Splitter:** Connect the cables from each RGB puck light to the 8-way splitter. Ensure a secure connection for each light.
3. **Connect Splitter to Controller:** Connect the splitter to the LED controller. Pay attention to the arrow indicators on the connectors to ensure correct polarity.
4. **Connect Controller to Adapter:** Connect the LED controller to the DC12V power adapter.
5. **Connect Adapter to Power:** Plug the power adapter into a standard AC120V wall outlet.
6. **Mount Lights:** Use the provided adhesive tapes or screws to securely mount the puck lights in your desired locations. The aluminum housing provides good heat dissipation.



Image: Detailed dimensions of the puck lights (2.4 inches diameter, 0.3 inches thick), 8-way splitter (3x1.4x0.66 inches), controller (11.8 inches), on/off switch (19.7 inches), and power adapter (60 inches cable length). This helps in planning installation.

Installation Video Guide

For a visual guide on the connection sequence, please refer to the video below:

Your browser does not support the video tag.

Video: This video demonstrates the step-by-step connection process for the AIBOO RGB LED Under Cabinet Lights, showing how to link the puck lights to the splitter, controller, and power adapter.

OPERATING INSTRUCTIONS

Your AIBOO LED Under Cabinet Lights are controlled by an RF wireless remote. This remote allows for various lighting effects and adjustments.

Remote Control Functions:



Image: The RF wireless remote control showing its buttons and their functions. It features power on/off, speed adjustment (10 levels), dynamic modes (22 types), static color selection (20 colors), and brightness adjustment (5 levels).

- **Power On/Off:** Use the **ON** and **OFF** buttons to turn the lights on or off.
- **Static Color Selection:** Choose from 20 static colors using the color palette buttons. Note that the "white" color is a mix of red, blue, and green light, not a pure white.
- **Brightness Adjustment:** Adjust the brightness of static colors using the **BRIGHT +** and **BRIGHT -** buttons (5 levels).
- **Dynamic Modes:** Select from 22 dynamic modes using the **MODE +** and **MODE -** buttons.
- **Speed Adjustment:** Adjust the speed of dynamic modes using the **SPEED +** and **SPEED -** buttons (10 levels).
- **DEMO Mode:** Press the **DEMO** button to cycle through various dynamic effects.
- **RF Wireless Advantage:** Unlike IR remotes, the RF remote does not require direct line-of-sight and has a range of up to 49 feet.

Remote Control to Change Color



Image: A single puck light shown changing through various RGB colors, demonstrating the color-changing capability of the lights.

MAINTENANCE

To ensure the longevity and optimal performance of your AIBOO LED Under Cabinet Lights, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the puck lights and cables with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as they may damage the finish or electronic components.
- **Power Disconnection:** Always disconnect the power adapter from the wall outlet before performing any cleaning or maintenance.
- **Indoor Use Only:** These lights are designed for indoor use only. Avoid exposure to moisture, high humidity, or extreme temperatures.
- **Cable Management:** Ensure cables are not pinched or excessively bent, which could lead to damage.

TROUBLESHOOTING

If you encounter any issues with your AIBOO LED Under Cabinet Lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	Power adapter not plugged in. Loose connections. Remote control battery low or dead. Controller malfunction.	Ensure the power adapter is securely plugged into a working outlet. Check all cable connections (puck lights to splitter, splitter to controller, controller to adapter) for tightness. Replace the CR2 battery in the remote control. Contact customer support if the controller is suspected to be faulty.
Lights flicker or change colors erratically.	Loose connections. Interference from other RF devices. Controller issue.	Check all cable connections. Move the lights or controller away from other electronic devices that might cause interference. Try resetting the controller (refer to remote pairing instructions if available, or power cycle).
Remote control not responding.	Battery low or dead. Remote not paired with controller.	Replace the CR2 battery. To pair: Press SPEED+ and SPEED- at the same time until the lights flicker. This indicates successful pairing.
"White" color appears tinted.	Inherent design of RGB LEDs.	The white color is a mix of red, blue, and green light, not a pure white. This is normal for RGB lights. If pure white is desired, consider an RGBW set.

SPECIFICATIONS

Feature	Detail
Brand	AIBOO
Model Number	YK-300000160
Light Source Type	LED
Light Color	RGB (Color Changing)
Number of Lights	6 Puck Lights
Material	Aluminum
Power Source	Corded Electric
Voltage	12 Volts
Wattage	12 Watts
Luminous Flux	1200 Lumen

Feature	Detail
Special Feature	Dimmable
Controller Type	RF Wireless Remote Control
Indoor/Outdoor Usage	Indoor
Item Weight	1.1 Pounds
Product Dimensions (L x W x H)	7.87 x 5.91 x 2.76 inches
Mounting Type	2-sided tape / Screws
Remote Battery Type	1 CR2 battery required (not included)

WARRANTY AND SUPPORT

For warranty information or technical support, please contact AIBOO Lighting directly. You can find more information and contact details on their Amazon store page:

[AIBOO Lighting Amazon Store](#)

Additionally, protection plans are available for purchase to extend coverage for your product:

- 3-Year Protection Plan: [View Details](#)
- 4-Year Protection Plan: [View Details](#)
- Complete Protect (Monthly): [View Details](#)